

#### ABSTRACT OF THE DISCLOSURE

The present invention is directed to generate an adaptive value in a short time. An adaptive value generating program has an adaptive procedure control program and a DOE tool. The DOE tool is a general statistical processing tool. The adaptive value procedure generating program functions as an interface between a measuring apparatus and the DOE tool. In a data obtaining process, the adaptive value procedure generating program automatically determines a method of selecting a measurement point and passes the result to the DOE tool. Selection of an approximation function and selection of an optimization method are automated. Further, evaluation of a final approximation expression and determination of confirmation data are also automated.